

Amendments to the Drawings:

The attached replacement sheet of drawings includes changes to Figure 10. In Figure 10, the reference number “610” for the AC-DC power supply has been changed to “615” because the reference number “610” corresponds instead to a device address of the microprocessor 601 (see, e.g., page 24, lines 4 and 5 of the specification).

REMARKS

By this amendment, claims 1-10 are cancelled, claims 11 and 12 are amended and new claims 15-24 are added. Support for the changes to claims 11 and 12 can be found, *inter alia*, from page 6, line 18 through page 7, line 9 and at page 8, lines 14-20 of the specification. Support for new claims 15-24 can be found, *inter alia*, in original claims 1-14, Figures 1-11, and in the specification from page 6, line 18 through page 7, line 9, page 12, lines 3-9, page 13, lines 7-23, page 15, lines 10-17 and page 17, lines 17-28. Claims 11-24 are presented for further examination.

The drawings and specification have been objected to for containing numerous informalities. By this amendment, the specification has been amended to address each of the issues raised by the Examiner. In particular, the specification has been amended to correct typographical errors and to add reference characters that, although included in the drawings as originally filed, were inadvertently omitted from the Description of the Embodiments. The sentences added on pages 11 and 23 are supported by that which is illustrated in Figures 3 and 8, respectively. Regarding the paragraphs added on page 24, support can be found in the detailed description relating to Figure 6 (see page 14, line 24 through page 15, line 7) and Figure 3 (see page 10, line 22 through page 11, line 22). Accordingly, no new matter has been added. Also, attached herewith is a corrected version of Figure 10, including a Replacement Sheet and Annotated Sheet. In view of the foregoing amendments, reconsideration and

withdrawal of the objections to the drawings and specification are respectfully requested.

The rejection of claims 1 and 2 under 35 U.S.C. § 102(b) over Bunkou, JP 2002-243248, the rejection of claims 1, 2, 4-7, 9 and 10 under 35 U.S.C. § 103(a) over Bunkou in view of Roh, US 6,430,953, and the rejection of claims 3 and 8 under 35 U.S.C. § 103(a) over Bunkou in view of Roh and further in view of Wada, US 6,453,689 have been rendered moot by the cancellation of claims 1-10.

The rejection of claims 11-14 under 35 U.S.C. § 103(a) over Bunkou in view of Roh, and further in view of Masui, US 2003/0140637 is respectfully traversed with respect to the amended claims.

The invention relates to an air conditioning system. As recited in independent claim 11, the air conditioning system includes an indoor unit, an outdoor unit, and a system controller that controls the indoor and outdoor units and which is arranged to execute communications between the indoor unit and outdoor unit by transmitting a signal via a power line supplying electric power. As amended, claim 11 requires, in pertinent part, a blocking filter disposed in the power line to the indoor unit. In addition to claim 11, newly-added independent claims 15 and 20 also require a blocking filter to be connected to the power line communication means for the indoor unit(s).

As disclosed in the specification, a blocking filter (52, 5b, 5c) is disposed in the (second) power line (6a, 6b, 6c) supplying electric power to the indoor units (2a-2d, 2e-2h, 2i-2l). The blocking filter transmits electric power to the indoor

units, but avoids transmission of control information signals among the second power lines belonging to different indoor units groups.

For example, a blocking filter passes only the control information signal for a first group of indoor units (2a-2d), but blocks the transmission of other control information signals for the second and third groups of indoor units (2e-2h, 2i-2l). With such a configuration, power can be supplied to the indoor units while preventing signal interference between different indoor unit groups. Since all groups of the indoor units can communicate with the outdoor units at the same time, high speed communication can be realized (see, e.g., page 8, lines 14-27 and page 17, lines 24-26 of the specification).

None of the cited references teach or suggest incorporating a blocking filter in the power line connected to the indoor unit(s). In view of the foregoing, reconsideration and withdrawal of the rejection are respectfully requested.

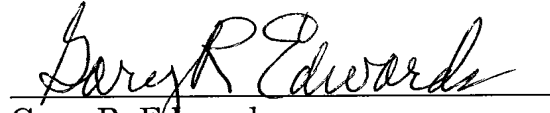
The application is respectfully submitted to be in condition for allowance, and prompt favorable action thereon is earnestly solicited.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

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Reply to Office Action
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If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #101077.53988US).

Respectfully submitted,

A handwritten signature in black ink, reading "Gary R. Edwards", written over a horizontal line.

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